

CLAIMS

I claim:

1. A truck-bed extension removably attachable to a hitch receiver on a truck having a rear gate without obstructing the gate in either the open or closed positions that is easily assembled and disassembled by a single person, comprising:

an elongated first support member having a first end and a second end, said first support member including a lower segment and an upper segment joined by truss framework;

means for removably connecting said first end of said first support member to a hitch receiver;

an elongated second support member having a first end and a second end;

means for pivotally connecting said second end of said first support member to said first end of said second support member;

a first T-bar having a first end and a second end;

means for removably connecting said T-bar to said first support member;

a rear support member having a first end and a second end; means for removably connecting said rear support member to said second end of said second support member;

a first elongated side support bar having a first end and a second end and a second elongated side support bar having a first end and a second end;

means for removably connecting said first end of said first side support bar to said first end of said T-bar;

means for removably connecting said first end of said second side support bar to said second end of said T-bar;

means for removably connecting said second end of said first side support bar to said first end of said rear support member;

means for removably connecting said second end of said second side support bar to said second end of said rear support member;

a first cross-bar having a first end and a second end and a second cross-bar having a first and a second end; and

means for removably connecting said first ends of said first and second cross-bars to said first side support bar and said second ends of said first and second cross-bars to said second side support bar.

2. The truck-bed extension according to claim 1, wherein said rear support member comprises a second T-bar and an integral upper bar at the elevation of said first T-bar.

3. The truck-bed extension according to claim 2, wherein said means for removably connecting said second end of said second support member to said rear support member connects said second end of said second support member to said second T-bar.

4. The truck-bed extension according to claim 3, wherein said means for removably connecting said second end of said first side support bar to said first end of said rear support member includes a first U-shaped bracket and said means for removably connecting said second end of said second side support bar to said second end of said rear support member includes a second U-shaped bracket.

5. The truck-bed extension according to claim 4, wherein said means for removably connecting said first ends of said first and second cross-bars to said first side support bar and

said second ends of said first and second cross-bars to said second side support bar includes U-brackets and cotter pins.

6. The truck-bed extension according to claim 5, further including a pair of retractable legs, a first leg pivotally attached to said first end of said rear support member and a second leg pivotally attached to said second end of said rear support member.

7. The truck-bed extension according to claim 5, further including elongated side railings, each side railing having first and second ends;

means for removably connecting the first ends of said railings to said first and second ends of said first T-bar; and

means for removably connecting said second ends of said railings to said first and second ends of said rear support member.

8. The truck-bed extension of claim 7, wherein said means for pivotally connecting said second end of said first support member to said first end of said second support member comprises a hinged joint.

9. A truck-bed extension removably attachable to a hitch receiver on a truck having a rear gate without obstructing the gate in either the open or closed positions that is easily assembled and disassembled by a single person, comprising:

an elongated first support member having a first end and a second end, said first support member including a lower segment and an upper segment joined by truss framework;

means for removably connecting said first end of said first support member to a hitch receiver;

an elongated second support member having a first end and a second end;

means for pivotally connecting said second end of said first support member to said first end of said second support member;

a first T-bar 180 having a first end and a second end;

means for removably connecting said T-bar to said first support member;

a rear support member having a first end and a second end;

means for removably connecting said rear support member to said second end of said second support member;

a first elongated side support bar having a first end and a second end and a second elongated side support bar having a first end and a second end;

means for removably connecting said first end of said first side support bar to said first end of said T-bar;

means for removably connecting said first end of said second side support bar to said second end of said T-bar;

means for removably connecting said second end of said first side support bar to said first end of said rear support member;

means for removably connecting said second end of said second side support bar to said second end of said rear support member;

a first cross-bar having a first end and a second end and a second cross-bar having a first and a second end; and

means for removably connecting said first ends of said first and second cross-bars to said first side support bar and said second ends of said first and second cross-bars to said second side support bar.

10. The truck-bed extension according to claim 9, wherein said rear support member comprises a second T-bar and an integral upper bar at the same elevation of said first T-bar.

11. The truck-bed extension 50 according to claim 10, wherein said means for removably connecting said second end of said second support member to said rear support member connects said second end of said second support member to said second T-bar.

12. The truck-bed extension according to claim 11, wherein said means for removably connecting said second end of said first side support bar to said first end of said rear support member includes a first U-shaped bracket; and said means for removably connecting said second end of said second side support bar to said second end of said rear support member includes a second U-shaped bracket.

13. The truck-bed extension according to claim 12, wherein said means for removably connecting said first ends of said first and second cross-bars to said first side support bar and

said second ends of said first and second cross-bars to said second side support bar includes U-brackets and cotter pins.

14. The truck-bed extension according to claim 13, further including a pair of retractable legs, a first leg pivotally attached to said first end of said rear support member and a second leg pivotally attached to said second end of said rear support member.

15. The truck-bed extension according to claim 13, and further including a pair of side railings, each side railing having first and second ends;

 means for removably connecting the first ends of said side railings to said first and second ends of said first T-bar; and

 means for removably connecting said second ends of said railings to said first and second ends of said rear support member.